

FORM PTO-1390  
(REV 1-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
BEA920010034US1TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/500524

INTERNATIONAL APPLICATION NO.  
PCT/US02/00541INTERNATIONAL FILING DATE  
1/2/2002PRIORITY DATE CLAIMED  
1/2/2002

TITLE OF INVENTION Verification of proper coupling of power line communication units to power circuits

APPLICANT(S) FOR DO/EO/US Paul E. McKenney, Stuart A. Friedberg, Akimasa Fleshler, *Craig N. Butler*

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☒ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) [COPY OF PREVIOUSLY SUBMITTED OATH/DEC]
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in
18. ☐ A second copy of the published international applica
19. ☐ A second copy of the English language translation of
20. ☐ Other items or information:

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 in an envelope addressed to The Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313, on June 30, 2004, by Michael Dryja, Express Mail label no. ED041541836US.

*Michael Dryja*  
signature of Michael Dryja, depositor

U.S. APPLICATION NO. (if known) (PT. CERN) <b>10/500524</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US02/00541</b>		ATTORNEY'S DOCKET NUMBER <b>BEA920010034US1</b>	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445 (a)(2)) paid to USPTO ..... <b>\$770.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>           	
				\$ 730.00	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	20 - 20 =	0	X \$18.00	\$ 0.00	
Independent claims	3 - 3 =	0	X \$86.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 730.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				\$ 730.00	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 730.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 730.00	
				Amount to be:	
				refunded	\$
				charged	\$

  

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 501336 in the amount of \$ 730.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 501336. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER 23441  
LAW OFFICES OF MICHAEL DRYJA  
704 228<sup>th</sup> Ave NE PMB 694, Sammamish, WA 98074  
fax: 206-374-2819 tel: 425-427-5094

SIGNATURE Michael A. Dryja  
NAME  
39662  
REGISTRATION NUMBER

TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

Date	DT15 Rec'd PCT/PTO 30 JUN 2004
International Application No.	10/500524
Attorney Docket No.	920010034

I. Certification under 37 CFR 1.10 (if applicable)

EV 007909095 US
Express Mail mailing number

2 January 2002
Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20531.

Signature of person mailing correspondence

Pryor A. Gamett, USPTO Reg. No. 32,136
Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE	Verification of Proper Coupling of Power Line Communication Units to Power Circuits
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Earliest priority date (Day/Month/Year)
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**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.  
 B. ☒ There is no prior U.S. application relating to this invention.  
 C. ☐ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.		filed on	
application no.		filed on	

- D. ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages \_\_\_\_\_ and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to be amended by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.

OATH / DEC IN  
these papers

III. ☐ A Response to an Invitation from the RO/

- A. ☐ A Request for An Extension of Time to  
 B. ☐ A Power of Attorney (General or Regul  
 C. ☐ Replacement pages:

pages		of the
pages		of the
pages		of the

- D. ☐ Submission of Priority Documents

Priority document		Priority document	
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- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☐ Other (please specify):

**IBM CONFIDENTIAL**

The person  
signing this  
form is the:

<input type="checkbox"/> Applicant
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)
<input type="checkbox"/> Common Representative

Pryor A. Gamett, USPTO Reg. No. 32,136

Typed name of signer

Signature